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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Attorney Docket No. 77661/55

First Inventor

Tatsuya KAWAHARA

Title

FUEL CELL

Express Mail Label No.

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 18]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 4]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other:

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation☐ Divisional☐ Continuation-in-part (CIP)

of prior application No:

☐ Cross Reference to Related Application included in Preliminary Amendment Attached. Note: A cross reference to related application(s) must be  
filed with the USPTO before four months from the filing date of this continuing application.

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

(Insert Customer Number or Bar Code Label here)

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Mark H. Neblett

Registration No. (Attorney/Agent)

42,028

Signature

Date

July 26, 2001

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comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
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**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$) 710**Complete if Known**

|                      |                  |
|----------------------|------------------|
| Application Number   | To be assigned   |
| Filing Date          | Herewith         |
| First Named Inventor | Tatsuya KAWAHARA |
| Examiner Name        | To be assigned   |
| Group / Art Unit     | To be assigned   |
| Attorney Docket No.  | 77661/55         |

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 11-0600

Deposit Account Name Kenyon &amp; Kenyon

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☐
- Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other
**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 710             | 201            | 355             | Utility filing fee     | 710      |
| 106            | 320             | 206            | 160             | Design filing fee      |          |
| 107            | 490             | 207            | 245             | Plant filing fee       |          |
| 108            | 710             | 208            | 355             | Reissue filing fee     |          |
| 114            | 150             | 214            | 75              | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$) 710

**2. EXTRA CLAIM FEES**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |     |
|--------------------|--------------|----------------|----------|-----|
| 10                 | -20 = 0      | X              | = 0      |     |
| Independent Claims | 1            | -3 = 0         | X        | = 0 |
| Multiple Dependent |              | X              | = 0      |     |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  |
|----------------|-----------------|----------------|-----------------|--|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                     |
| 102            | 80              | 202            | 40              | Independent claims in excess of 3                          |
| 104            | 270             | 204            | 135             | Multiple dependent claim, if not paid                      |
| 109            | 80              | 209            | 40              | ** Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 105            | 130             | 205            | 65              | Surcharge - late filing fee or oath  |          |
| 127            | 50              | 227            | 25              | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 139            | 130             | 139            | 130             | Non-English specification  |          |
| 147            | 2,520           | 147            | 2,520           | For filing a request for reexamination                                     |          |
| 112            | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                     |          |
| 113            | 1,840*          | 113            | 1,840*          | Requesting publication of SIR after Examiner action                        |          |
| 115            | 110             | 215            | 55              | Extension for reply within first month                                     |          |
| 116            | 390             | 216            | 195             | Extension for reply within second month                                    |          |
| 117            | 890             | 217            | 445             | Extension for reply within third month                                     |          |
| 118            | 1,390           | 218            | 695             | Extension for reply within fourth month                                    |          |
| 128            | 1,890           | 228            | 945             | Extension for reply within fifth month                                     |          |
| 119            | 310             | 219            | 155             | Notice of Appeal   |          |
| 120            | 310             | 220            | 155             | Filing a brief in support of an appeal                                     |          |
| 121            | 270             | 221            | 135             | Request for oral hearing   |          |
| 138            | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              |          |
| 140            | 110             | 240            | 55              | Petition to revive - unavoidable   |          |
| 141            | 1,240           | 241            | 620             | Petition to revive - unintentional   |          |
| 142            | 1,240           | 242            | 620             | Utility issue fee (or reissue)   |          |
| 143            | 440             | 243            | 220             | Design issue fee   |          |
| 144            | 600             | 244            | 300             | Plant issue fee  |          |
| 122            | 130             | 122            | 130             | Petitions to the Commissioner  |          |
| 123            | 130             | 123            | 130             | Petitions related to provisional applications                              |          |
| 126            | 180             | 126            | 180             | Submission of Information Disclosure Stmt                                  |          |
| 581            | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) |          |
| 146            | 710             | 246            | 355             | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149            | 710             | 249            | 355             | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179            | 710             | 279            | 355             | Request for Continued Examination (RCE)                                    |          |
| 169            | 900             | 169            | 900             | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$) 0

**SUBMITTED BY****Complete (if applicable)**

|                   |                 |                                 |        |           |                |
|-------------------|-----------------|---------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Mark H. Neblett | Registration No. Attorney/Agent | 42,028 | Telephone | (202) 220-4232 |
| Signature         |                 |                                 |        | Date      | July 26, 2001  |

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